# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 12205 | (epi or epitax$3) with layer with (trench or hole or via or open) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/03 12:11 |
| S2 | 552 | S1 with (diode or sensor or PD) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/03 12:12 |
| S3 | 40 | S2 with (conduct$3 or contact or connect$3) with (liner or barrier or fill) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/03 12:14 |
| S4 | 53 | S2 same (conduct$3 or contact or connect$3) with (liner or barrier or fill) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/03 12:19 |
| S5 | 1178 | S1 same (diode or sensor or PD) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/03 12:21 |
| S6 | 131 | S5 same (conduct$3 or contact or connect$3) same (liner or barrier or fill) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/03 12:21 |
| S7 | 81 | S6 and (@pd<"20031212" or @ad<"20031212" or @rlad<"20031212") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/03 12:23 |

| S8 | 16746 | (epi or epitax$3) with (trench or hole or via or open) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/03 12:48 |
|---|---|---|---|---|---|---|
| S9 | 360 | S8 with (conduct$3 or contact or connect$3) with (liner or barrier or fill) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/03 12:49 |
| S10 | 209 | S9 and (@pd<"20031212" or @ad<"20031212" or @rlad<"20031212") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/03 12:49 |
| S11 | 4 | ("6960483" "7217590").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/04 09:40 |
| S12 | 11 | ("4477835" \| "5144747" \| "5244817" \| "5250843" \| "5274250" \| "5568574" \| "6091194" \| "6252220" \| "6257491" \| "6646289").PN. OR ("6960483" \| "7217590"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/04 09:40 |
| S13 | 7 | pourquier-eric.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/04 09:41 |
| S14 | 43838 | (substrate or wafer) with (backside or back) with (contact or metal or conductor or connect$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/11 05:16 |
| S15 | 8788 | (substrate or wafer) with (backside or back) with (contact or metal or conductor or connect$3) with (trench or hole or via or open) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/11 05:17 |
| S16 | 863 | (substrate or wafer) with (backside or back) with (contact or metal or conductor or connect$3) with (trench or hole or via or open) with (polish$3 or thin $4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/11 05:17 |

| S17 | 358 | S16 and @pd<"20031212" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/11<br>05:18 |

**8/13/2009 8:01:27 AM**
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